

DOCKET NO.: 016907-1299

## DCT係数

18

24

49

72

22 35

64

92

37

55

78

56

64

87

(b)

68

81

109 103

104 113

103 | 121 | 120

98 112 100 103

260	49	-16	5	2	4	0	1		16	4	2	0	0	0	0	0
-79	36	-2	-7	1	-3	-1	-2		-7	3	0	0	0	0	0	0
0	-8	3	-2	-2	1	5	1		0	-1	0	0	0	0	0	0
-8	-4	5	1	1	7	6	-2		-1	0	0	0	0	0	0	0
-2	-6	-1	-4	-4	-1	0	-1	<b>\</b>	0	0	0	0	0	0	0	0
-3	-2	-1	1	1	2	-5	-1		0	0	0	0	0	0	0	0
-4	1	1	0	0	-2	2	0		0	0	0	0	0	0	0	0
1	1	1	1	-1	1	0	0		0	0	0	0	0	0	0	0
(a)									(0	c)						
量子	化テ-	ーブル	l l													
16	11	10	16	24	40	51	61									
12	12	14	19	26	58	60	55									
14	13	16	24	40	57	69	56									
14	17	22	29	51	87	80	62									

<del>77</del>

92

99

101

FIG.2

## DC係数の差分値のグループ化

グループ番号	DC差分值	付加ビット
0	0	0
1	-1, 1	1
2	-3, -2, 2, 3	2
3	-7~-4, 4~7	3
4	-15~-8, 8~15	4
5	-31~-16,16~31	5
6	-63~-32, 32~63	6
7	-127~-64, 64~127	7
8	-255~-128, 128~255	8
9	-511~-256, 256~511	9
10	-1023~-512, 512~1023	10
11	-2047~-1024, 1024~2047	11
12	-4095~-2048, 2048~4095	12
13	-8191~-4096, 4096~8191	13
14	-16383~-8192, 8192~16383	14
15	-32767~-16384, 16384~32767	15

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グループ番号のための符号表

グループ番号	符号長	符号語
0	2	00
1	2 3 3	010
2		011
3	3	100
4	3	101
5 6		110
6	4	1110
7	5	11110
8	6	111110
	7	1111110
10	8	11111110
11	9	111111110
12	10	1111111110
13	11	11111111110
14	12	111111111110
15	13	11111111111110

FIG.3B

## AC係数の差分値のグループ化

DC差分值	付加ビット
0	0
-1, 1	1
-3, -2, 2, 3	2
-7~-4, 4~7	3
-15~-8, 8~15	4
-31~-16,16~31	5
-63~-32, 32~63	6
	7
	8
-511~-256, 256~511	9
-1023~-512, 512~1023	10
-2047~-1024, 1024~2047	11
-4095~-2048, 2048~4095	12
-8191~-4096, 4096~8191	13
-16383~-8192, 8192~16383	14
-32767~-16384, 16384~32767	15
32753	0
	0 -1, 1 -3, -2, 2, 3 -7~-4, 4~7 -15~-8, 8~15 -31~-16,16~31 -63~-32, 32~63 -127~-64, 64~127 -255~-128, 128~255 -511~-256, 256~511 -1023~-512, 512~1023 -2047~-1024, 1024~2047 -4095~-2048, 2048~4095 -8191~-4096, 4096~8191 -16383~-8192, 8192~16383 -32767~-16384, 16384~32767

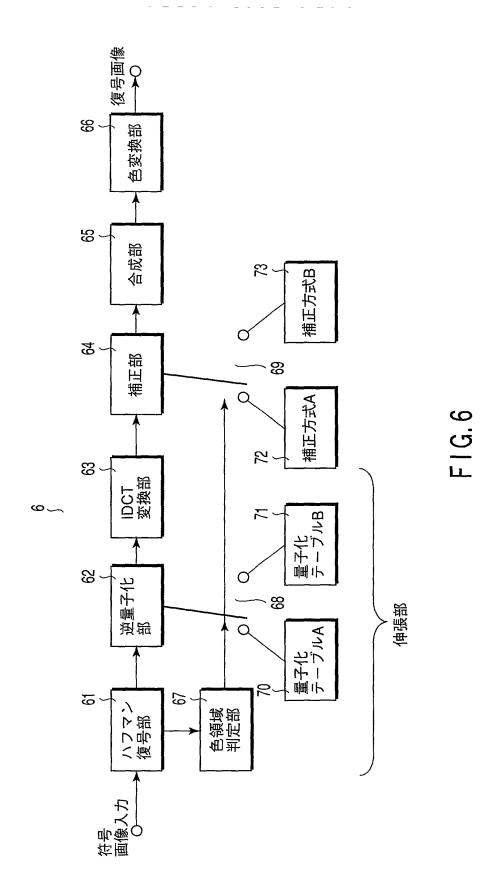
FIG.3C

		グループ番号								
	·	0	1	2		14	15			
	0	0000	00010	00011						
		0100	01010	01011						
	2	1000	-				<u> </u>			
色領域			個々の	グルーフ	が番号と	色領域				
情報	!		に符号	を割り当	すてる	_ 124 24				
	7									
	8									

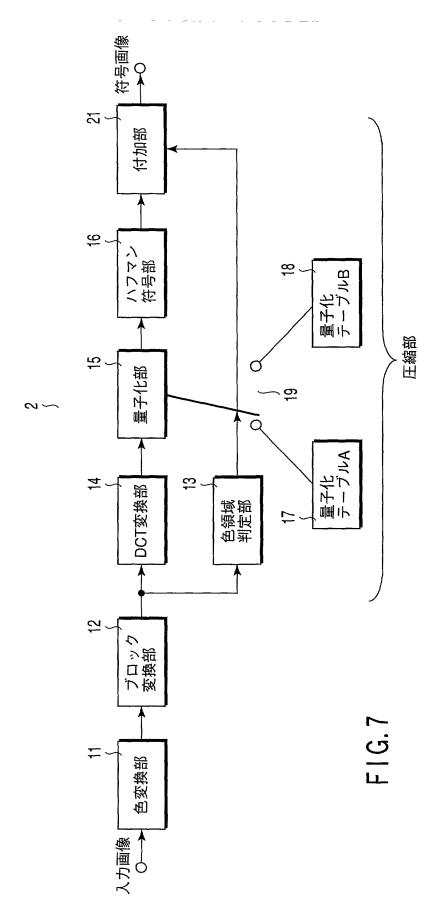
FIG.4

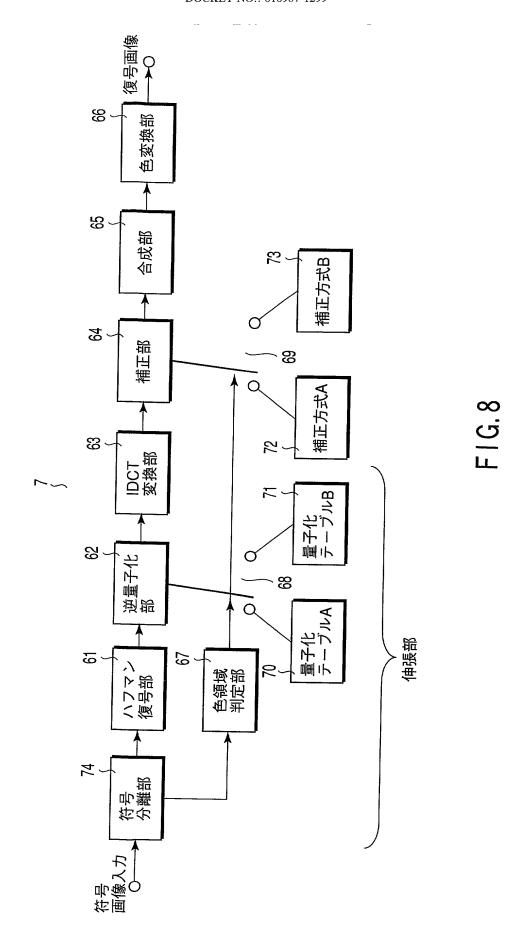
		グループ番号								
		0	1	2		14	15			
	0	EOB					1			
	1									
	2									
ラン長			ハフマ	ン符号書	別当て					
	14									
	15	ZRL								

FIG. 5

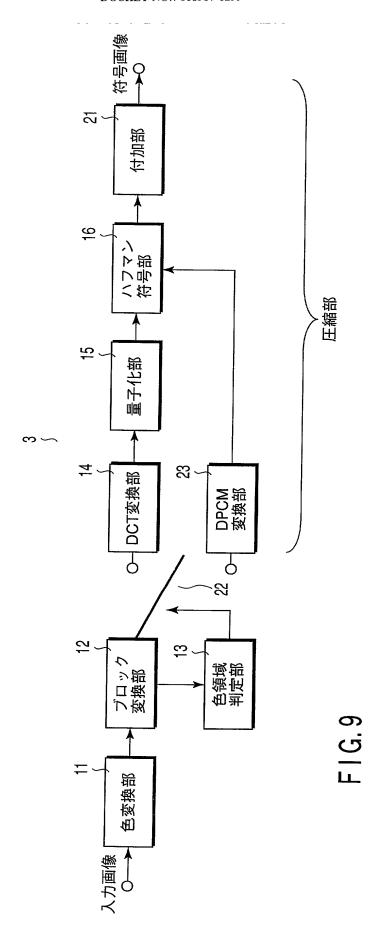


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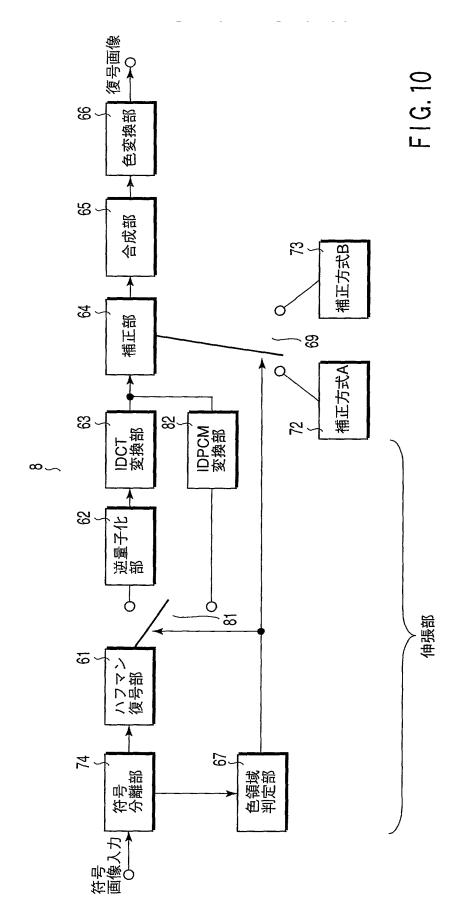




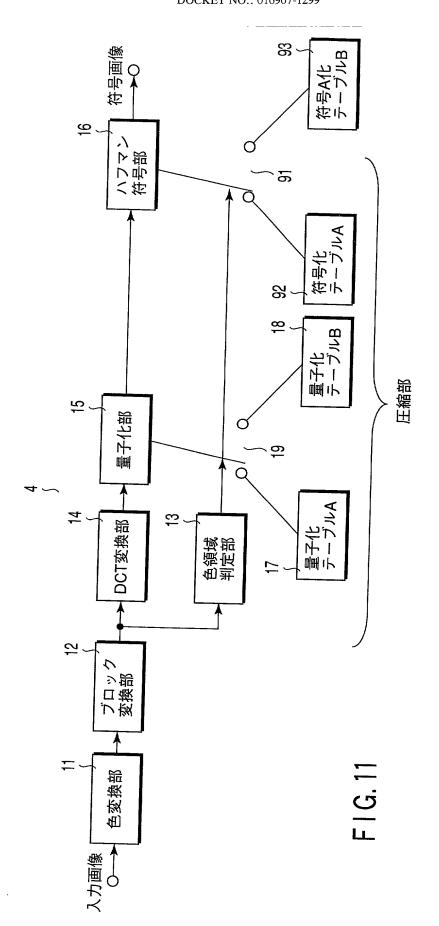
Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. DOCKET NO.: 016907-1299

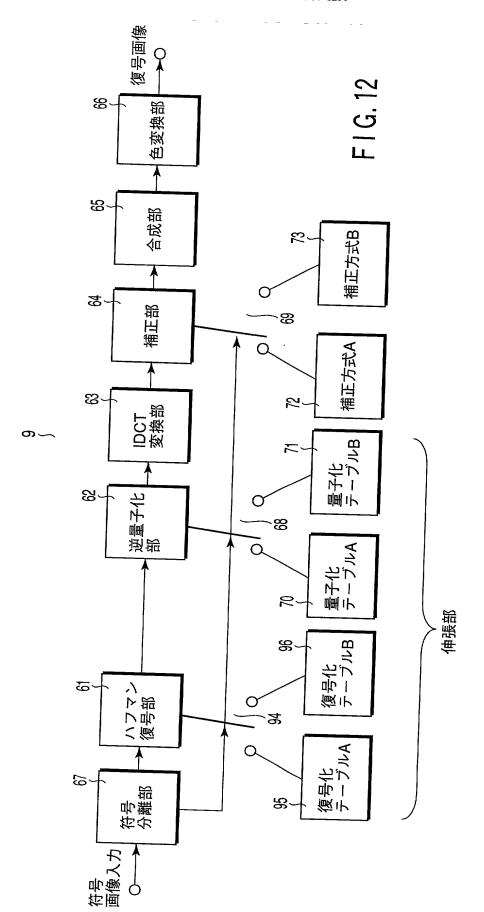


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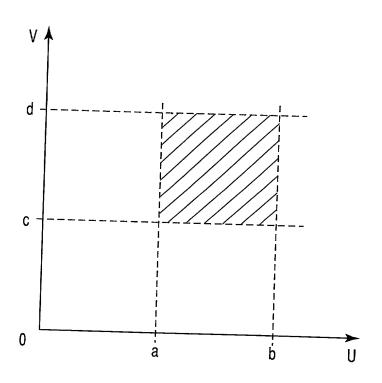


FIG. 13